

Abstract of the Disclosure

A mechanical octahedron puzzle arrangement of the present invention is comprised of a plurality of radially interlocking generally octahedrally and tetrahedrally shaped components, for permitting rotation of a plane of such components about an axis perpendicular to that plane of components. The rotatable planes define a changeable collective face of the puzzle arrangement. The puzzle comprises an inner core octahedral member, a first radially innermost transitional layer of the components, and a second layer of components, each having an outer face of equilateral triangular shape, wherein a planar portion of the components may be rotated in 120 degree increments about an axis perpendicular to the planar portion of components to effect a change in the colors of each collective face of the octahedron puzzle arrangement, so that when the faces are twisted, the color markings on the exposed faces are scrambled.